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Derwent Title: **Environmentally non-hazardous agrochemical for insecticide - comprises aq. emulsion of agrochemical rosin plasticiser, surfactant and water**

Original Title: ☒ **JP08026906A2: LOW ENVIRONMENTALLY HAZARDOUS AGROCHEMICAL PREPARATION**

Assignee: **MAKHTESHIM CHEM WORKS LTD** Standard company
Other publications from **MAKHTESHIM CHEM WORKS LTD (MAKC)**...

Inventor: **DAVID R; MAURICE F;**

Accession/Update: **1996-136109 / 199614**

IPC Code: **A01N 25/04 ; A01N 25/24 ; A01N 25/30 ; A01N 25/32 ; A01N 37/26 ; A01N 37/34 ; A01N 43/24 ; A01N 43/50 ; A01N 43/653 ; A01N 47/38 ; A01N 53/08 ; A01N 57/16 ;**

Derwent Classes: **A97; C07;**

Manual Codes: **A03-C02**(Natural resins or gums, rosin (abietic acid), lignin) , **A12-W04C** (Agriculture, horticulture - protective chemicals) , **C07-D09**(Imidazole) , **C07-D13**(Other heterocyclics, mononuclear with more than one N) , **C10-A15**((Iso cyanide) , **C10-B04A**(Other aromatic amines) , **C10-C03**(Carboxylic acid and phenol present) , **C10-D03**(Carboxylic amides) , **C10-G02**(Carboxylic esters) , **C10-H02**(Halogen [general]) , **C12-M03**(Emulsion) , **C14-B04B**(Insecticide general and other)

Derwent Abstract: (JP08026906A) Agrochemical formulation in the form of an emulsion in water comprises: (a) at least one agrochemical in an amt. of 1-675 g/l having m.pt. of upto 100 deg.C; (b) a plasticiser comprising rosin or a water insol. rosin deriv. in an amt. of 5-525 g/l; (c) a surfactant in an amt. of 40-200 g/l and (d) water in an amt. of 200g/l to make 1 l of the emulsion. The agrochemical is pref. acetanilide, benzoate, chlorinated hydrocarbons, hydroxybenzoinitrile, imidazole, nitroaniline, nitroxyline, organic phosphorus deriv., phenoxy-phenoxy-alkane carboxylic acid, pyrethroid or triazole.

USE/Advantage - Used as an emulsion in water type insecticide agent against insects e.g. Bletilla germanica. The gen prevents irritation and improves biological activity.

In an example, 210 g of melted endosulfan was mixed homogeneously with 190 g of 'Albalyn E' (RTM: methyl ester or rosin), 100 of 'Soprophor 14-R' (RTM: ethoxylated castor oil 60 EO), and 10 g of Epoxol 704 (epoxylated soybean oil Swift), 5 g of Aerosil COK 86 (RTM: fumed silicone) was dispersed in 475 g of deionised water by a homogeniser (Ultron Turox 45) and it was gradually added to the mixt. to give an emulsion. During the process, 1 g of 'Silicon AF 120' (RTM: defoaming agent) was added and the stirring speed was increased up to 10,000 rpm and the emulsion formation was completed in 15 mins.

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Family: PDF Patent Pub. Date Derwent Update Pages Language IPC Code

☒ **JP08026906A** * 1996-01-30 199614 8 English A01N 25/04

Local appls.: JP1994000152445 Filed: 1994-07-04 (94JP-0152445)

Priority Number:

Application Number	Filed	Original Title
JP1994000152445	1994-07-04	LOW ENVIRONMENTALLY NOXIOUS AGRICULTURAL CHEMICAL PREPARATION

Chemical Indexing Codes: [Show chemical indexing codes](#)

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Specific Compound Numbers: [Show specific compounds](#)

Registry Numbers: 01[M2]:0969U
02[M2]:0756U
03[M2]:0550U 0684U 0696U

Unlinked Registry Numbers: 0550U 0684U 0696U 0756U 0969U

Related Accessions:

Accession Number	Type	Derwent Update	Derwent Title
C1996-042295	C		
1 item found			

Title Terms: ENVIRONMENT NON HAZARD AGROCHEMICAL INSECT COMPRISE AQUEOUS EMULSION
AGROCHEMICAL ROSIN PLASTICISED SURFACTANT WATER

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